



Cai Be Rice Husk Thermal Energy Generation Project

Can Tho province, Vietnam



Project Description

Wilmar Agro Vietnam Company Limited produces rice bran oil. The rice bran is procured from rice mills locally available and stabilized at a pelletization plant closer to the sources of rice bran (within 60 km) in Cai Be District.

The steam required for the rice bran pelletization facility, was generated in a 5MT/hour coal-fired captive boiler. Due to increase in the facility capacity, additional steam is required. The facility has decided to stop operation of the coal-fired boiler, and replace it with a renewable energy biomass system.

The new boiler uses rice husks purchased from rice mills operating locally around the region. The rice husks generated in rice mills in the region are generally in excess and hence get disposed in unplanned ways including dumping into nearby rivers. As a result of such disposal and due to natural decay in the absence of the project activity, the rice husks used in the project would have emitted methane.



The estimate emission reductions from this project are 22,231tCO₂ per year.

Other Social and Sustainability Benefits

The project is contributing to sustainable development:

- Prevents the release of methane into the atmosphere
- Reduces local environmental problems such as river congestion and ecological damage

Standards

- The Verified Carbon Standard (VCS)
- Meets BSI's offsetting requirements for PAS2060



Verified Carbon Standard

The Verified Carbon Standard is the result of consultation by leading organisations such as The Climate Group, the International Emissions Trading Association and the World Economic Forum.

VCS offsets must be real, additional, measurable, permanent, and independently verified. VCS is designed to bring transparency to the international Verified carbon offset market. This delivers trust and credibility to your carbon neutrality programme.

Contact our team to discuss your offsetting requirements, and to ensure you find the project that meets all your own particular carbon neutrality needs